

ABSTRACT OF THE DISCLOSURE

A coupling lens couples a beam emitted from a light source. A light deflector deflects the beam from the coupling lens at a uniform angular velocity. A  
5 line-image imaging optical system is disposed between the coupling lens and light deflector, and causes the beam to image a line image long along main scanning directions on or in the vicinity of a deflection  
reflective surface of the light deflector. A scanning  
10 and imaging optical system causes the beam deflected by the light deflector to image a beam spot on a medium to be scanned. In an optical housing, the light source, coupling lens, light deflector, line-image imaging  
optical system and scanning and imaging optical system  
15 are disposed, and contained. A plurality of holding and fixing datums are provided for holding and fixing a light-source part including the light source and coupling lens is provided in at least one of the light-source part and optical housing.